

**COMBINED
DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION (37 CFR 1.63)
AND POWER OF ATTORNEY**

Declaration Submitted with Initial Filing OR Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16(e)) required)

Attorney Docket Number	9-13528-85US
First Named Inventor	ROBERTS, Kim B.
Complete if known	
Application Number	Not yet assigned.
Filing Date	Concurrently herewith.
Group Art Unit	
Examiner Name	

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

OPTIMIZATION OF A COMMUNICATIONS SYSTEM BASED ON IDENTIFICATION OF AN OPTICAL MEDIUM

the specification of which

is attached hereto.

OR

was filed on _____ (mm/dd/yyyy)

as United States Application Number or PCT International Application Number _____

and was amended on _____ (if applicable) _____ (mm/dd/yyyy)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not claimed	Certified Copy Attached?	
				YES	NO
	Canada	12/30/1999	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.
		<input type="checkbox"/>

**COMBINED DECLARATION FOR UTILITY OR DESIGN
PATENT APPLICATION (37 CFR 1.63) AND POWER OF ATTORNEY**

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

Additional U.S. or PCT International application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent Trademark Office connected therewith:

Customer Number: **20988**


20988

PATENT TRADEMARK OFFICE

Direct all correspondence to:


20988

PATENT TRADEMARK OFFICE

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of sole or First Inventor:

A petition has been filed for this unsigned inventor

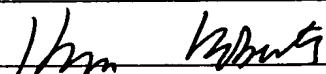
Given Name (first and middle [if any])

Family Name or Surname

ROBERTS

Kim B.

Inventor's Signature



Date

Jan 5 2000

Residence: City

Nepean State Ontario Country Canada

Citizenship Canadian

Post Office Address

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City

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Additional inventors are being named on the supplemental Additional Inventor(s) PTO/SB/02A attached hereto.

DECLARATION**ADDITIONAL INVENTOR(S)****Supplemental Sheet**Page 1 of 1**Name of Additional Joint Inventor, if any:**

Given Name (first and middle [if any])

 A petition has been filed for this unsigned inventor

Family Name or Surname

O'SULLIVAN

Maurice S.

Inventor's Signature Maurice S.Date Jan 5 2000

Residence:

City Ottawa State Ontario Country Canada Citizenship CanadianPost Office Address 24 Julian AvenueCity Ottawa Province or State Ontario Postal Code K1Y 0S5 Country Canada**Name of Additional Joint Inventor, if any:** A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])

Family Name or Surname

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Paul A.

Inventor's Signature P. WarrenDate Jan 5/2000

Residence:

City Nepean State Ontario Country Canada Citizenship CanadianPost Office Address 5 Calais CourtCity Nepean Province or State Ontario Postal Code K2E 7E1 Country Canada**Name of Additional Joint Inventor, if any:** A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])

Family Name or Surname

CHAN

Les C.

Inventor's Signature L. ChanDate 2000 - Jan - 5

Residence:

City Nepean State Ontario Country Canada Citizenship CanadianPost Office Address 321 - 1130 Meadowlands DriveCity Nepean Province or State Ontario Postal Code K2E 6J1 Country Canada Additional inventors are being named on the supplemental Additional Inventor(s) PTO/SB/02A attached hereto.



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APRIL 10, 2000

PTAS

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101256464A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

22002 U.S. PTO
10/625696
07/24/03

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/12/2000

REEL/FRAME: 010513/0727
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
ROBERTS, KIM B.

DOC DATE: 01/05/2000

ASSIGNOR:
O'SULLIVAN, MAURICE S.

DOC DATE: 01/05/2000

ASSIGNOR:
WARREN, PAUL A.

DOC DATE: 01/05/2000

ASSIGNOR:
CHAN, LES C.

DOC DATE: 01/05/2000

ASSIGNEE:
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WORLD TRADE CENTER OF MONTREAL
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FLOOR
MONTREAL, QUEBEC, CANADA H2Y 3Y4

010513/0727 PAGE 2

SERIAL NUMBER: 09481691
PATENT NUMBER:

FILING DATE: 01/12/2000
ISSUE DATE:

SHIRLIE SIMON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

02-03-2000

MED 1.12.00

REC



ET

101256464

To the Honorable Commissioner of Paten

the enclosed original documents or copy thereof

JC 09/48169
U.S. PRO
01/12/0322002 U.S. PRO
10/625696
01/24/03

1. Name of conveying party(ies):

Kim B. ROBERTS
Maurice S. O'SULLIVAN
Paul A. WARREN
Les C. CHAN

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date:

2. Name of receiving party(ies):

NORTEL NETWORKS CORPORATION

Address of receiving party(ies):

World Trade Center of Montreal
380 St. Antoine Street West, 8th FloorCity: Montreal
State: Quebec, Canada ZIP: H2Y 3Y4Additional name(s)/address(es) of receiving party(ies) attached? Yes No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: January 12, 2000.

A. Patent Application No(s).

B. Patent No(s).

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: SWABEY OGILVY RENAULT

Address: 1981 McGill College Avenue
Suite 1600

01/27/2000 JARTIS 00000039 09481691

03 FEB 2001 City: Montreal 40.00 UP

State: Quebec, Canada ZIP: H3A 2Y3

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

 Enclosed Authorized to be charged to deposit account.

8. Deposit Account number:

(Attach duplicate copy of this page if paying by deposit account)

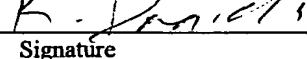
DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

KENT DANIELS (Reg. No. 44,206)

Name of Person Signing


Signature

JAN 11/00

Date

Total number of pages comprising cover sheet:

ASSIGNMENT NORTEL NETWORKS CORPORATION

For value received, I (we), the undersigned, whose full post office address(es) is (are) adjacent my (our) name(s), hereby sell, assign and transfer to:

NORTEL NETWORKS CORPORATION

whose full post office address: World Trade Center of Montreal
380 St. Antoine Street West, 8th Floor
Montreal, Quebec, Canada, H2Y 3Y4

its successors, assigns and legal representatives, the entire right, title and interest, including priority rights, for all countries, in and to certain inventions relating to:

OPTIMIZATION OF A COMMUNICATIONS SYSTEM BASED ON IDENTIFICATION OF AN OPTICAL MEDIUM

set forth in an application for letters patent of the United States of America

executed concurrently herewith,

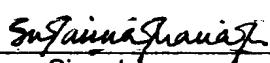
and all rights and privileges under any and all letters patent that may be granted for said inventions.


Witness Signature

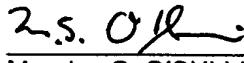
SUZANNA MAHAYUDDIN
Witness Name (print)


Date Jan 5/2000
Kim B. ROBERTS
Assignor

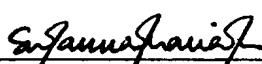
10 Mission Inn Grove
Nepean, Ontario, Canada, K2R 1C6


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Date Jan 5/2000
Maurice S. O'SULLIVAN
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Ottawa, Ontario, Canada, K1Y 0S5


Witness Signature

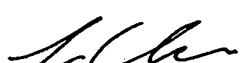
SUZANNA MAHAYUDDIN
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